SELECTED BIBLIOGRAPHY:

[1] Xuan Sun, Changsheng Ai, Yuzhen Ma, "Milk Quality Automation Detecting Technology Based on Dynamic Temperature", IEEE Chinese Control and Decision Conference (CCDC), May 2008

[2] Dan Peng, Kaina Dong, Xia Li and Kexin Xu, "Multidimensional Calibration of Near Infrared Spectra for Component Concentration Measurement in Milk at Different Temperatures", IEEE Transactions on Fuzzy Systems, Jun 2010.

[3] Carlos Enrique Carleos Artime etc., "On-line Estimation of Fresh Milk Composition by means of VIS-NIR Spectrometry and Partial Least Squares Method (PLS)",IEEE International Instrumentation and Measurement Technology Conference, Dec 2008

[4] Marina Cole, Gurmukh S. Sehra etc., "Fabrication and Testing of Smart Tongue Devices for Liquid Sensing", IEEE Transactions On Fuzzy Systems, Jan 2002.

[5] Marzuki Khalid and Sigeru Omatu "A Neural Network Controller for a Temperature Control System", IEEE Transaction on Control System, Jun 1992.

[6] Qi Xin, Hou Zhi Ling, Tian Jian Long, Yu Zhu, "The rapid determination of fat and protein content in fresh raw milk using the laser light scattering technology", Optics and Lasers in Engineering 44 pp-858–869 Apr 2006.

[7] D. Psaltis, A. Sideris, and A. Yamamura, " A multilayered neural network controller", IEEE Control System, Mag., vol 10, no.3, Apr 1989.

[8] D. H. Nyuyen and B. Widrow, "Neural netwok for self learning control system", IEEE Control System, Mag., vol 10, Apr 1990.

[9] Jyh-Shing Rogar Jang, "ANFIS: Adaptive-Network-Based fuzzy Inference System", IEEE transaction on systems, Man, and Cybernetics, vol. 23, No. 3, May/Jun 1993.

[10] P. P. Bhogle, B. M. Patre, L.M. Waghmare and V. M. Panchade, "Neuro Fuzzy Temperature Controller", Proceedings of the 2007 IEEE International Conference on Mechatronics and Automation Aug 5 - 8, Jan 2007.

[11] Amit Salunkhe and Ajay Patil, "Adaptive Neuro Fuzzy Controller for Process Control System", IEEE Region 10 Colloquium and 3rd International Conf. on Industrial and Information System. Dec 8 – 10, 2008.

[12] Subhas Chandra Mukhopadhyay and Gourab Sen Gupta, "A Low-Cost Sensing System for Quality Monitoring of Dairy Products", IEEE Transactions On Instrumentation And Measurement, vol. 55, no. 4, Aug 2006.

[13] Ekaterina A. Skiba, Vladimir N. Khmelev, "Sterilization of Milk by Ultrasonics", 8th International Siberian Workshop And Tutorials Edm'2007, Session V, July 1-5, Erlagol.

[14] Saud A. Al-Osaimi, Adel Abdennour and Abdullaziz A. Al-Sulaiman, "Hardware implementation of a fuzzy logic stabilizer on a laboratory scale power system", Electric Power Systems Research 74 pp- 9–15, Jan 2005.

[15] T. Takagi and M. Sugeno, “Derivation of fuzzy control rule from human operator’s control actions”, Proc. Of the IFAC Symp. On Fuzzy Information, Knowledge Representation and Decision Analysis, pp 55–60, Jul 1983.
[16] Nikola K. Kasabov, “DENFIS: Dynamic Evolving Neural-Fuzzy Inference System and Its Application for Time-Series Prediction”, IEEE Transactions On Fuzzy Systems, vol. 10, no. 2, Apr 2002
[17] Leszek Rutkowski, “Flexible Neuro-Fuzzy Systems”, IEEE Transactions On Neural Networks, vol. 14, no. 3, May 2003
[18] Sameep Singh and Kuldip S. Rattan, “Implementation of a Fuzzy Logic Controller on an FPGA using VHDL”, IEEE Transactions On Fuzzy Systems Jul 2003.
[19] Pedro Albertos, “Perspectives of Fuzzy Control: Lights and Shadows”, IEEE International Conference On Intelligent Systems, Nov 2004.
[20] Rene Badertscher, Thomas Berger and Rolf Kuhn, “Densitometric determination of the fat content of milk and milk products”, International Dairy Journal 17 pp 20-23 Jan 2007.
[21] Alexandre Kruszewski and Antonio Sala, “A Triangulation Approach to Asymptotically Exact Conditions for Fuzzy Summations”, IEEE Transactions On Fuzzy Systems, vol. 17, no. 5, Oct. 2009
[22] Ping-Teng Chang, “Developing a Fuzzy Bicluster Regression to Estimate Heat Tolerance in Plants by Chlorophyll Fluorescence”, IEEE Transactions On Fuzzy Systems, vol. 17, no. 3, Jun 2009
[23] A. Barriga, S. Sa´nchez-Solano, P. Brox,A. Cabrera and I. Baturone,” Modelling and implementation of fuzzy systems based on VHDL”, International Journal of Approximate Reasoning 41 pp 164–178 May 2006.
[24] A.M.F. Fileti, A.J.B. Antunes, F.V. Silva and V. Silveira Jr, “Experimental investigations on fuzzy logic for process control”, Control Engineering Practice 15 (2007) 1149–1160
[25] Xi-Zhao Wang and Chun-Ru Dong, “Improving Generalization of Fuzzy IF–THEN Rules by Maximizing Fuzzy Entropy”, IEEE Transactions On Fuzzy Systems, vol. 17, no. 3, Jun 2009
[26] Robert Nowicki, “Rough Neuro-Fuzzy Structures for Classification With Missing Data”, IEEE Transactions On Systems, Man, And Cybernetics—Part B: Cybernetics, vol. 39, no. 6, Dec. 2009
[27] Ahmad Johan Mahbob, Mahanijah Md Kamal and Faieza Hanum Yahaya, “Water Temperature Using Fuzzy Logic”, 2009 5th International Colloquium on Signal Processing & Its Applications (CSPA), Apr. 2009.
[28] Samir A. Abdul kareem and Rizah Muhida, “Fuzzy Control Algorithm for Educational Light Tracking System”, 2010 2nd International Congress on Engineering Education, Dec 8-9, 2010
[29] D. Bellomo, D. Naso and R. Babusˇka, “Adaptive fuzzy control of a non-linear servo-drive: Theory and experimental results”, Engineering Applications of Artificial Intelligence 21 pp 846–857, Jan 2008.

[30] Marco Falda, Francesca Rossi and K. Brent Venable, “Fuzzy conditional temporal problems: Strong and weak consistency”, Engineering Applications of Artificial Intelligence 21 710–722, Jun 2008.
[31] R.F. Liao, C.W. Chan, J. Hromek and G.H. Huang, “Fuzzy logic control for a petroleum separation process”, Engineering Applications of Artificial Intelligence 21 pp 835–845, May 2008
[32] Jose´ Manuel Mesa Ferna´ ndez, Valeriano A ´ lvarez Cabal and Vicente Rodrı´guez Montequin, “Online estimation of electric arc furnace tap temperature by using fuzzy neural networks”, Engineering Applications of Artificial Intelligence 21 pp 1001–1012, Jan 2008.
[33] J.N. Lygouras and V.S. Kodogiannis, “Variable structure TITO fuzzy-logic controller implementation for a solar air-conditioning system”, Applied Energy 85 pp 190–203, Mar 2008
[34] Hou Guolian, Zeng Fanchun, Hou Qian and Zhang Jianhua, “Fuzzy Identification Based on Improved T-S Fuzzy Model and Its Application in Power Plants”, 2010 5th IEEE Conference on Industrial Electronics and Applications Jan 2010.
[35] Hirosato Seki, and Masaharu Mizumoto, “On the Equivalence Conditions of Fuzzy Inference Methods—Part 1: Basic Concept and Definition”, IEEE Transactions On Fuzzy Systems, vol. 19, no. 6, Dec. 2011
[36] Adam Kasperski and Paweł Zieli´nski, “Possibilistic Minmax Regret Sequencing Problems With Fuzzy Parameters”, IEEE Transactions On Fuzzy Systems, vol. 19, no. 6, Dec. 2011
[37] Zafer Aydogmus, “Implementation of a fuzzy-based level control using SCADA”, Expert Systems with Applications 36 pp 6593–6597, Apr. 2009.
[38] Hikmet Esen and Mustafa Inalli, “ANN and ANFIS models for performance evaluation of a vertical ground source heat pump system”, Expert Systems with Applications 37 pp 8134–8147 May 2010.
[39] Chia-Feng Juang, Teng-Chang Chen, and Wei-Yuan Cheng, “Speedup of Implementing Fuzzy Neural Networks With High-Dimensional Inputs Through Parallel Processing on Graphic Processing Units”, IEEE Transactions On Fuzzy Systems, vol. 19, no. 4, Aug. 2011
[40] LOTFI A. ZADEH, “Outline of a New Approach to the Analysis of Complex Systems and Decision Processes”, IEEE Transactions On Systems, Man, And Cybernetics, vol. -3, no. 1, Jan. 1973
[41] Zhen Lu, Jili Zhang, Yongpan Chen and Tianyi Zhao, “Fuzzy control model and simulation of supply air system in a test rig of low-temperature hot-water radiator system”, Energy and Buildings 42 pp 386–392 May 2010.
[42] Cihan Karakuzu and Osman Demirci, “Fuzzy logic based smart traffic light simulator design and hardware Implementation”, Applied Soft Computing 10 pp 66–73 Jan 2010
[43] C. Franco, M. Dall’Agnol, T.V. Costa, A.M.F. Fileti, F.V. Silva, “A neuro-fuzzy identification of non-linear transient systems: Application to a pilot refrigeration plant”, International Journal of Refrigeration May 2011.

[44] Madan M. Gupta and Jerzy B. Kiszka, "Controllability of Fuzzy Control Systems", IEEE Transactions On Systems, Man, And Cybernetics, vol. Smc-16, no. 4, July/Aug. 1986
[45] Y. F. Li and C. C. Lau, "Development of Fuzzy Algorithms for Servo Systems", IEEE Control Systems Magazine 1989 IEEE Transactions On Fuzzy Systems Mar 1989.
[46] Bernard Widrow, and Michael A. Lehr, "30 Years of Adaptive Neural Networks: Perceptron, Madaline, and Backpropagation", Proceedings of the IEEE, vol. 78, no. 9, Sept. 1990
[47] Chuen Chien Lee, "Fuzzy Logic in Control Systems: Fuzzy Logic Controller-Part I", 11th Transactions on Systems Man, vol. 20. no. 2. March/April. 1990
[48] Chuen Chien Lee, "Fuzzy Logic in Control Systems: Fuzzy Logic Controller-Part II", 11th Transactions On Systems Man, vol 20. no. 2. Mar/Apr 1990
[49] S. Jassar, Z. Liao and L. Zhao, "A recurrent neuro-fuzzy system and its application in inferential sensing", Applied Soft Computing 11 pp 2935–2945, Mar 2011.
[50] Radu-Emil Precup and Hans Hellendoorn, "A survey on industrial applications of fuzzy control", Computers in Industry 62 pp 213–226, Apr. 2011.
[51] Naveen V. Bhat, Peter A. Minderman, Jr., Thomas McAvoy, and Nom Sun Wang, "Modeling Chemical Process Systems via Neural Computation", IEEE Control Systems Magazine, Jan 1990
[52] Bo K. Wong and Vincent S. Lai, "A survey of the application of fuzzy set theory in production and operations management: 1998–2009", Int. J. Production Economics 129 pp 157–168, Jan 2011
[53] M. Hosoz, H.M. Ertunc and H. Bulgurcu, "An adaptive neuro-fuzzy inference system model for predicting the performance of a refrigeration system with a cooling tower", Expert Systems with Applications 38 pp 14148–14155, Apr 2011
[54] Samuel M. Smith and David J. Comer, "Automated Calibration of a Fuzzy Logic Controller Using a Cell State Space Algorithm", IEEE Control Systems, Mar 1991.
[55] T. Ravi Kiran and S.P.S. Rajput, "An effectiveness model for an indirect evaporative cooling (IEC) system: Comparison of artificial neural networks (ANN), adaptive neuro-fuzzy inference system (ANFIS) and fuzzy inference system (FIS) approach", Applied Soft Computing 11 pp 3525–3533, Jan 2011
[56] Jin Woo Moon, Sung Kwon Jung, Youngchul Kim and Seung-Hoon Han, "Comparative study of artificial intelligence-based building thermal control methods e Application of fuzzy, adaptive neuro-fuzzy inference system, and artificial neural network", Applied Thermal Engineering 31 2422-2429, Apr 2011
[57] Chuen-Tsai Sun and Jyh-Shing Jang, "A Neuro-Fuzzy Classifier and Its Applications", 1993 IEEE Control Systems, Mar 1991
[58] Karim Salahshoor, Majid Soleimani Khoshro and Mojtaba Kordestani, "Fault detection and diagnosis of an industrial steam turbine using a distributed configuration of adaptive neuro-fuzzy inference systems", Simulation Modelling Practice and Theory 19 pp 1280–1293, May 2011

[59] Turkay Dereli, Adil Baykasoglu, Koray Altun, Alptekin Durmusoglu and I. Burhan Turksen, "Industrial applications of type-2 fuzzy sets and systems: A concise review", Computers in Industry 62 pp 125–137, May 2011
[60] Jerry M. Mendel, "Fuzzy Logic Systems for Engineering: A fitorial", Proceedings Of The Ieee, Vol. 83. No. 3, Mar. 1995
[61] Jyh-Shing Roger Jang, "Neuro-Fuzzy Modeling and Control", Proceedings Of The Ieee, Vol. 83, No. 3, Mar. 1995
[62] Han-Xiong Li and H. B. Gatland, "Conventional Fuzzy Control and Its Enhancement", IEEE Transactions On Systems, Man, And Cybernetics-Part B: Cybernetics, vol. 26, no. 5, Oct. 1996
[63] J. C. Wu and T. S Liu, "Fuzzy Control Stabilization with Applications to Motorcycle Control", IEEE Transactions On Systems, Man, And Cybernetics-Part B: Cybernetics, vol. 26, no. 6, Dec. 1996
[64] Bogdan M. Wilamowski, "Neuro-fuzzy Systems and Their Applications", 1998 IEEE
[65] Young Jun Park, Sang Yea1 Lee and Hyung Suck Cho, "A Genetic Algorithm-Based Fuzzy Control of an Electro-Hydraulic Fin Position Servo System", 1999 IEEE International Fuzzy Systems Conference Proceedings Aug. 22-25, Apr 1999